Snow Depth-N.H.------ U.S. Corps of Engineers, Arctic Construction and Frost Effects Lab.

Depth of snow cover in the Northern Hemisphere. New England Division, Boston, Mass. Jun 1954. 4p., 14 sheets. 38 plates.

In 1950 a group of ten preliminary maps showing the average depth of the snow cover in the N.H. the first day of the month. from 1 Oct to 1 July. A 10 yr record involving 250 stations was employed.

Using as a guide and ref the experience gained and the material gathered for this preliminary study, a more comprehensive report has now been prepared. The number of stations has been increased to 511 and the period of report has been expended to twenty or more years where possible.

~~The resulting report depicts snow depths on a broad, hemisphere-wide basis;~~ it does not attempt to present local detail. Nor does it attempt to show the ~~physical details~~ properities of the snow. ~~This report must be considered preliminary~~ in character.

~~Europe-------Indicated data only prior to 1949,~~

Russia----- 15-25 yrs but no new data since 1915.

~~Some seasonal snow cover is still present in the extreme northern latitudes and high elevations on 30 June but the available data areso meager that it was not considered practical to prepare maps.~~

Figs plotted on the maps adjacent to the station symbols represent the depth of snow cover to the nearest half inch when the depth is less than one inch, to the nearest inch when the depth is greater than one inch.

~~Plate I----All stations used in the report.~~

Plate 9-----Arithmetic mean of snow cover as of 31 May.

~~Plate 17----Max snow cover 31 May.~~

~~Table I, 7 of 14~~
~~8, 9, 10, 11, 12, 13, 14~~

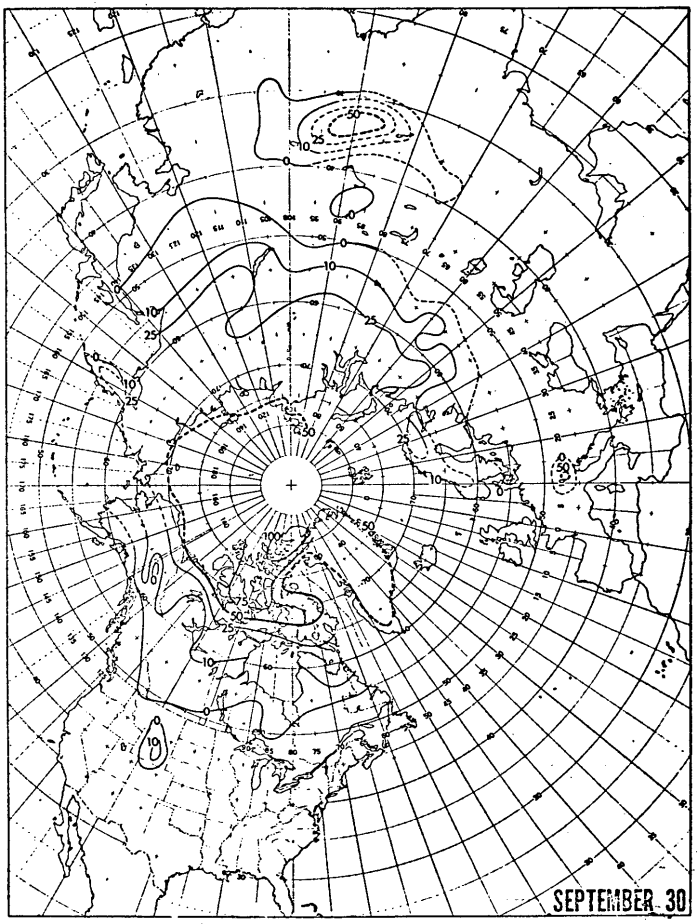
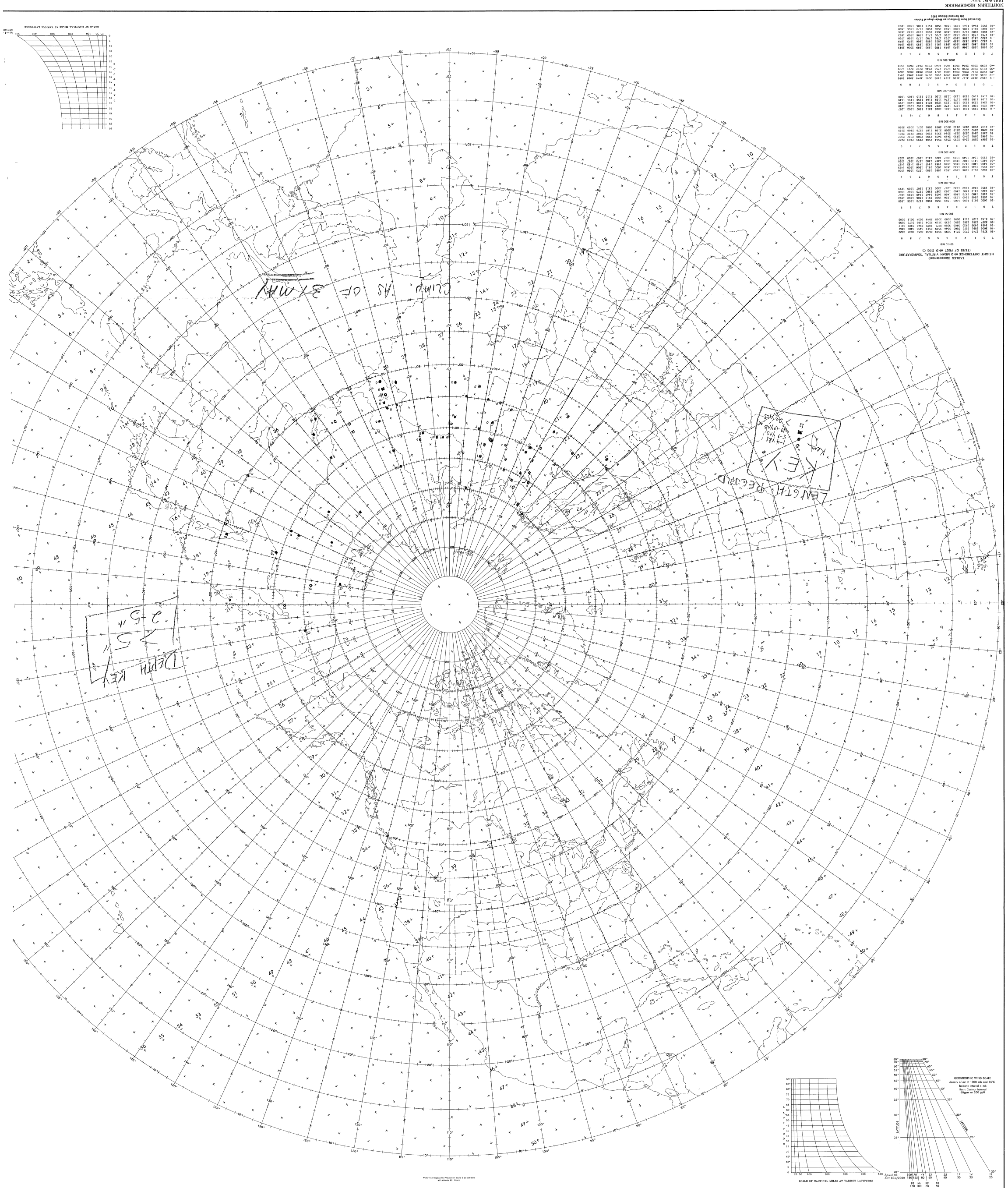


Figure 1.

FIGURES 1 through 9.—Probability (percent) of 1 in. or more snow cover at end of month, September through May, respectively. Dashed lines indicate analyses not supported by adequate data. Note omission of intermediate contours in some areas.



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Users can assist in the improvement of DOD Weather Plotting Charts by reporting inaccuracies and omissions to the appropriate WEATHER SERVICE HEADQUARTERS i.e. Hq Air Weather Service or Director U.S. Naval Weather Service

NOTE: The representation of international boundaries on this chart is not necessarily authoritative

DEPARTMENT OF DEFENSE WEATHER PLOTTING CHART

LEVEL_____ TIME_____ DATE_____

FORECASTER_____ STATION_____ PLOTTER_____

Lithographed by ACIC 3-63

NORTHERN HEMISPHERE
DOD-WPC 3-20-1

Figure 2.

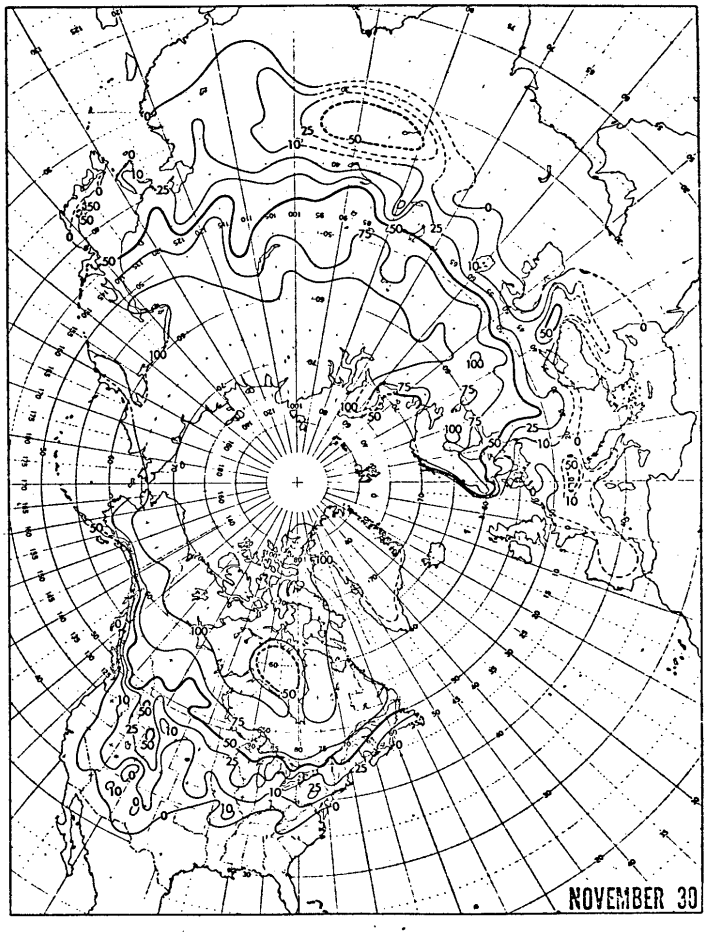

Figure 3.

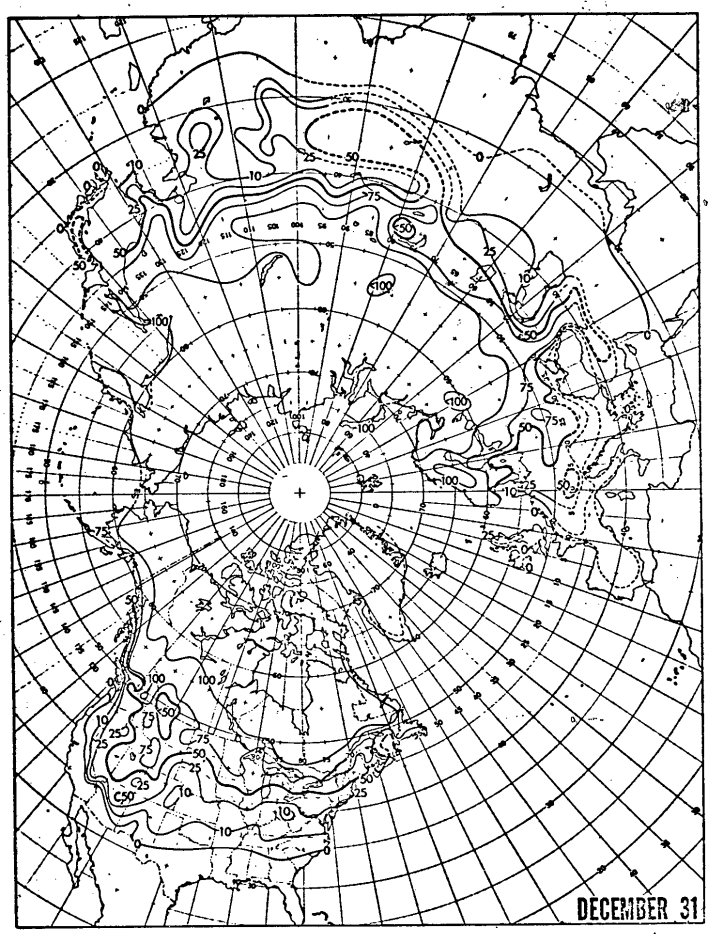

Figure 4.

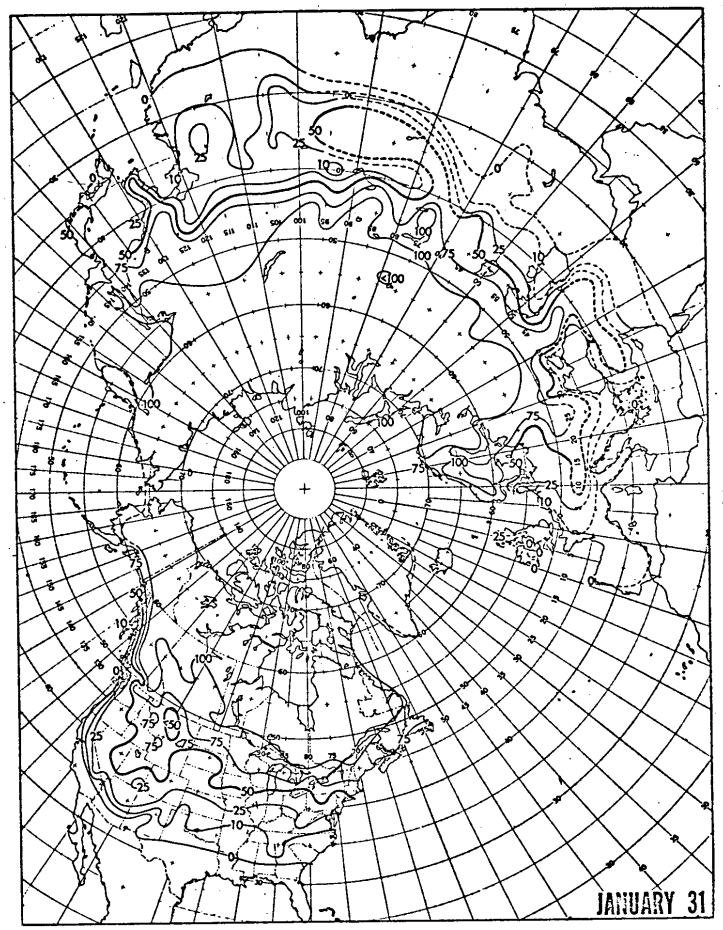

Figure 5.

Figure 6.

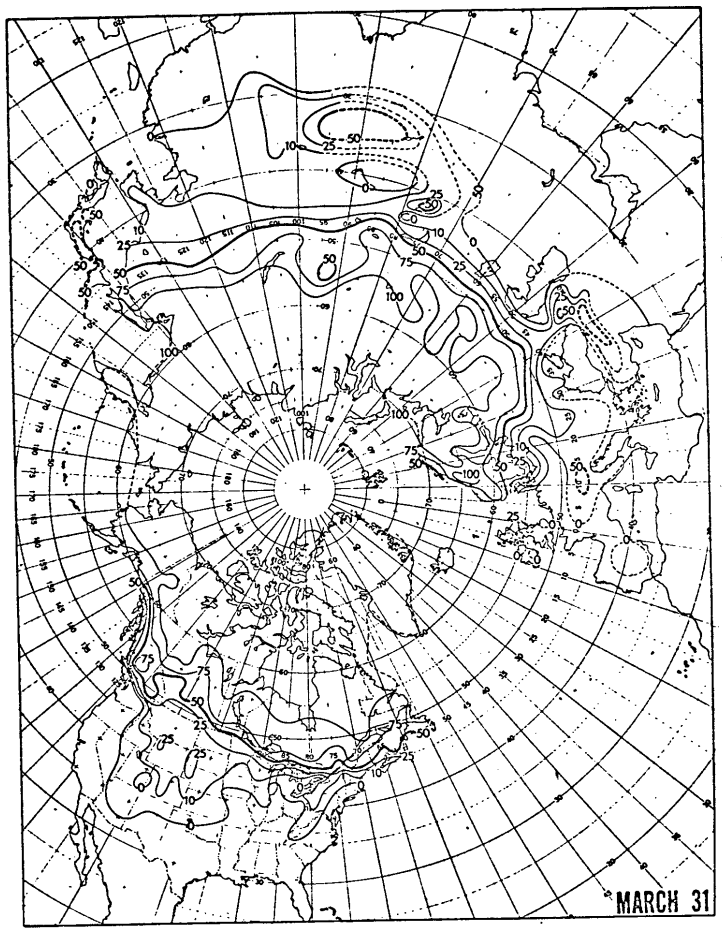

Figure 7.

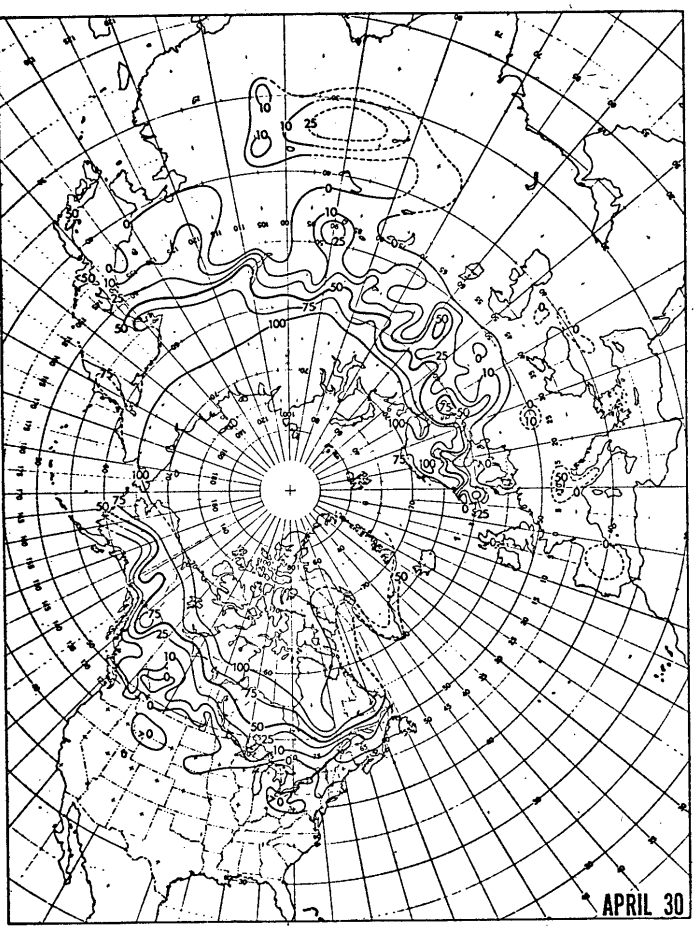

Figure 8.

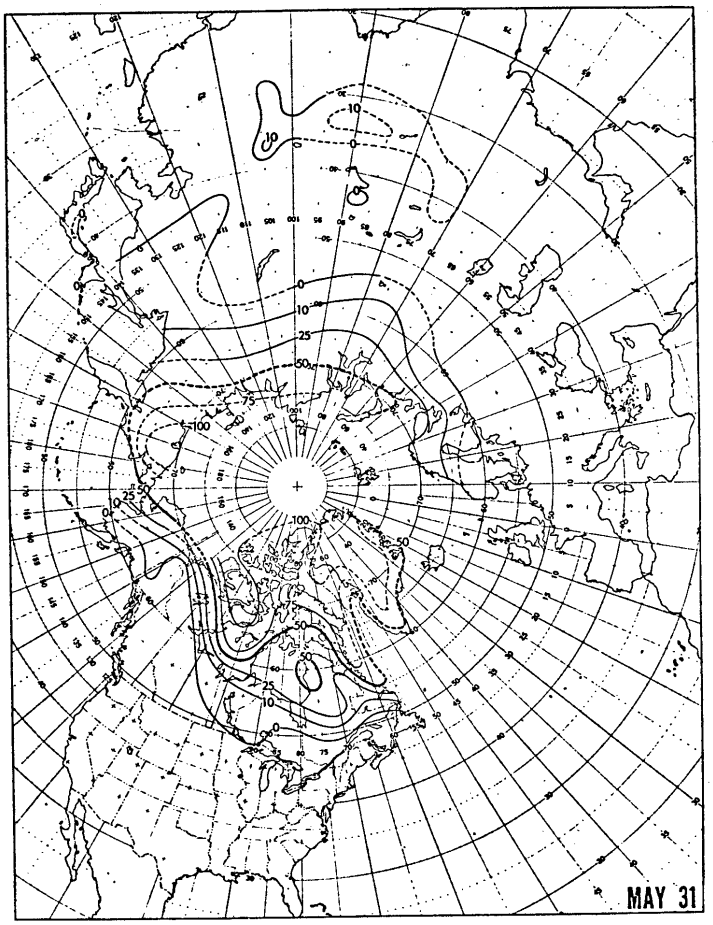

Figure 9.